

Message Text

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PAGE 01 STATE 077655
ORIGIN ERDA-07

INFO OCT-01 EUR-12 ISO-00 OES-06 L-03 FEA-01 CIAE-00
INR-07 NSAE-00 INT-05 COME-00 /042 R

DRAFTED BY ERDA:OIP:EW:BLACKLIN:BW
APPROVED BY OES/APT/SEP:RGMORRIS
ERDA:OIP:EW:BDHILL
ERDA:OIRDP:JVANDERRY
ERDA:ASGA:BEATTIE
ERDA:DSE:HERWIG
OES/APT/SEP:DCRAMER
EUR/SOV:SHUMPHREY

-----071144Z 099760 /15

P 070637Z APR 77
FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW PRIORITY

UNCLAS STATE 077655

E.O. 11652:

TAGS:US, UR, TECH, TGEN, ENRG

SUBJECT: US-SOVIET ENERGY AGREEMENT: SOLAR ENERGY
(08.0209)

REFTEL: STATE 311335 (1976), MOSCOW 1439

1. PLEASE PASS FOLLOWING LETTER FROM BEATTIE TO STOLYAROV
WITH COPY TO MALTSEV

APRIL 1, 1977 08.0209

A.V. STOLYAROV
COORDINATOR, CHIEF-ENGINEER
MINISTRY OF POWER AND ELECTRIFICATION
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MOSCOW, USSR

DEAR MR. STOLYAROV:

OUR TEAM IS LOOKING FORWARD TO MEETING AND WORKING WITH
YOU AND YOUR COLLEAGUES AT THE UPCOMING SEMINAR IN
ASKHABAD. TO MAKE OUR VISIT MOST PRODUCTIVE WE WOULD

APPRECIATE IT IF YOU COULD COORDINATE THE JOINT SEMINAR SCHEDULE WITH THE MEETING OF THE WORLD ELECTROTECHNICAL CONGRESS TO BE HELD IN MOSCOW FROM JUNE 20-25, 1977. SUCH A COORDINATION OF DATES, PERHAPS FOLLOWING THE CONGRESS WITH THE JOINT SEMINAR, WOULD ENABLE SOME OF THE AMERICAN VISITORS TO PARTICIPATE IN BOTH THE CONGRESS AND THE SEMINAR. IF THE SOLAR SEMINAR COULD BE SET TO START ABOUT JUNE 26, THE US SIDE WOULD BENEFIT FROM BOTH MEETINGS.

YOU WILL FIND ATTACHED TO THIS LETTER A TENTATIVE LIST OF THE US DELEGATION MEMBERS AS WELLAS A LIST OF TITLES OF THE PAPERS TO BE EXCHANGED IN THE FIELDS OF SOLAR THERMAL POWER STATIONS, SOLAR HEATING AND COOLING, AND DIRECT CONVERSION. THE US SIDE WILL BE PREPARED TO TRANSMIT THE FIFTEEN COMPLETED PAPERS BY MAY 1, 1977 AND WILL IN TURN LOOK FORWARD TO RECEIVING THE SOVIET PAPERS BY THE SAME DATE. HOWEVER, WE WOULD LIKE TO RECEIVE THE TITLES OF THE USSR PAPERS AS SOON AS POSSIBLE. A LIST OF TOPICS SUGGESTED BY THE US FOR DISCUSSION AT THE JOINT SEMINAR WILL BE SENT TO THE US EMBASSY BY LETTER.

IF COORDINATION OF THE CONGRESS AND THE SEMINAR CAN BE ACCOMPLISHED, IT WILL BE GREATLY APPRECIATED. IN ANY CASE, AN ITINERARY FOR THE DAY-TO-DAY ACTIVITIES FOR THE VISIT WILL BE MOST HELPFUL. I HAVE SUGGESTED DATES FOR THE ARRIVAL OF AMERICAN PARTICIPANTS FOR THE WORLD CONGRESS AND FOR THE JOINT SEMINAR ON THE ENCLOSED TENTATIVE UNCLASSIFIED

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DELEGATION.LIST. IN ORDER TO AVOID COMPLICATIONS CONNECTED WITH TRAVEL AND ARRANGING THE SELECTION OF THE US DELEGATION, IT IS NECESSARY FOR US TO RECEIVE THE ITINERARY AND CONFIRMATION OF THE VISIT DATES BY MAY 1.

YOUR CONSIDERATION OF THIS MATTER IS APPRECIATED.

BEST PERSONAL REGARDS,

DONALD A. BEATTIE

TENTATIVE DELEGATION LIST:

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WILL BE DEPARTING JUNE 19

WILL DEPART JUNE 25

ALL TO DEPART USSR 7/8
DR. ALLAN ROTHWART ##
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TITLES FOR U.S.-U.S.S.R. SOLAR WORKSHOP

SOLAR THERMAL POWER STATIONS

1. HELIOS: A COMPUTATIONAL MODEL FOR SOLAR
CONCENTRATORS - DR. BIGGS
2. A PARAMETER STUDY FOR A CENTRAL RECEIVER POWER
STATION - DR. BIGGS
3. SURVEY AND ANALYSIS OF HIGH TEMPERATURE THERMAL
STORAGE METHODS FOR SOLAR POWER SYSTEMS - DR. SELVAGE
4. COMPARATIVE ANALYSIS OF SOLAR THERMAL POWER TOWER
SYSTEMS WITH DIFFERENT ARRANGEMENTS - DR. SELVAGE
5. A CELLWISE METHOD FOR THE OPTIMIZATION OF LARGE
CENTRAL RECEIVER SYSTEMS - DR. VANT-HULL

SYSTEMS OF SOLAR HEATING AND COOLING

1. DESIGN AND PERFORMANCE OF SOLAR AIR HEATING SYSTEMS
DR. LOF
2. PERFORMANCE OF A SOLAR HEATING AND ABSORPTION COOLING
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SYSTEM - DR. LOF

3. PASSIVE SOLAR HEATING SYSTEMS - DR. BALCOMB

4. OPTIMUM DESIGN OF SOLAR HEATING SYSTEMS - DR. BECKMAN

5. A SOLAR AIR HEATING SYSTEM USING EVACUATED TUBES -
DR. BECKMAN

DIRECT CONVERSION

1. EFFECT OF SUNSHINE TESTING ON TERRESTRIAL SOLAR CELL
SYSTEM COMPONENTS - DR. BRANHORST

2. CONSIDERATIONS ON MEASUREMENT OF TERRESTRIAL SOLAR CELL
PERFORMANCE - DR. BRANDHORST

3. RECENT IMPROVEMENTS AND INVESTIGATIONS OF SILICON
SOLAR CELL EFFICIENCY - DR. WOLF

4. THEORY OF HETEROJUNCTION SOLAR CELLS: CDS-CU₂S -
DR. ROTHWART

5. CRYSTALLITE SIZE CONSIDERATIONS IN POLYCRYSTALLINE
SOLAR CELLS - DR. ROTHWART
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: AGREEMENTS, PUBLIC CORRESPONDENCE, SCIENTIFIC MEETINGS, SOLAR POWER
Control Number: n/a
Copy: SINGLE
Sent Date: 07-Apr-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STATE077655
Document Source: CORE
Document Unique ID: 00
Drafter: OIPI:EWA:BLACKLIN:BW
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770121-0758
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770477/aaaacoup.tel
Line Count: 249
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: b21c49a8-c288-dd11-92da-001cc4696bcc
Office: ORIGIN ERDA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 5
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 77 STATE 311335, 77 MOSCOW 1439
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 21-Jan-2005 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 2865327
Secure: OPEN
Status: NATIVE
Subject: US-SOVIET ENERGY AGREEMENT: SOLAR ENERGY (08.0209)
TAGS: TECH, TGEN, ENRG, US, UR
To: MOSCOW
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/b21c49a8-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009